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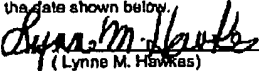
NOV 30 2006

Docket No.: 57764(71994)
(PATENT)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-8300, on the date shown below.

Dated: November 30, 2006

Signature:


(Lynne M. Hawkins)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:
Sakari Kauppinen et al.

Application No.: 10/601,140

Confirmation No.: 6647

Filed: June 20, 2003

Art Unit: 1634

For: METHODS AND SYSTEMS FOR
DETECTION AND ISOLATION OF A
NUCLEOTIDE SEQUENCE

Examiner: R. T. Crow

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated June 30, 2006, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 23 of this paper.